

**ABSTRACT**

A lens evaluation method for calculating resolution evaluation value based on a detected luminance value in order to evaluate resolution of lens has a background  
5 luminance value acquiring step for acquiring a luminance value at a background part  
having no test pattern formed thereon, a maximum luminance value acquiring step for  
acquiring maximum luminance value in the test pattern image, a minimum luminance  
value acquiring step for acquiring minimum luminance value and an evaluation value  
calculating step for calculating a resolution evaluation value based on the luminance  
10 values obtained in the respective steps.